

AMENDMENT

IN THE CLAIMS:

Please amend the claims as follows:

1-46. (Canceled)

47. (Currently amended) A method of ~~protecting~~ immunizing a subject from ricin intoxication by inhalation which comprises administering to the subject an amount of a deglycosylated ricin-A chain lacking about 50% of the mannose and most fucose residues present on the wild-type ricin toxin A-chain and having the ricin B-chain removed.

48. (Previously presented) The method of claim 47, wherein the deglycosylated ricin-A chain is chemically deglycosylated by treating a ricin A-chain with a mixture of sodium metaperiodate and sodium cyanoborohydride at a pH 3.5 for 1 hour at 4 °C.

49. (Previously presented) The method of claim 47, wherein the amount is an immunogenic amount.

50. (Previously presented) The method of claim 49, wherein the immunogenic amount is about 0.01 µg to about 100 µg per kg of the weight of the subject.

51. (Previously presented) The method of claim 47, wherein two or more doses of the amount of the deglycosylated ricin A-chain are administered to the subject.

52. (Previously presented) The method of claim 47, which further comprises administering an adjuvant to the subject.

53. (Previously presented) The method of claim 47, wherein the deglycosylated ricin A-chain provides neutralizing antibodies in the subject.

54. (Previously presented) The method of claim 47, wherein the deglycosylated ricin A-chain is in the form of a vaccine, an immunogenic composition, or a pharmaceutical composition.

55. (Previously presented) The method of claim 54, wherein the vaccine, the immunogenic composition, or the pharmaceutical composition comprises an adjuvant.